

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000758

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16J 15/52, G01N 11/14 // D21G 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16J, G01N, F16L, F16D, D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6151957 A (ENARSON), 28 November 2000 (28.11.2000) --	1-17
A	US 3181349 A (J.G. JANSSON), 4 May 1965 (04.05.1965) --	1-17
A	US 5176576 A (MOULINDT), 5 January 1993 (05.01.1993) --	1-17
A	EP 0736679 A1 (MAGNETI MARELLI S.P.A.), 9 October 1996 (09.10.1996) --	1-17

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report

14-04-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9114168 A1 (PUBLIC HEALTH LABORATORY SERVICE BOARD), 19 Sept 1991 (19.09.1991) --	1-17
A	US 4823594 A (GRAY), 25 April 1989 (25.04.1989) --	1-17
A	US 4653313 A (SABINS ET AL), 31 March 1987 (31.03.1987) -- -----	1-17

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/03/2005

International application No.	
PCT/FI 2004/000758	

US	6151957	A	28/11/2000	AT	254763	T	15/12/2003
				AU	2983997	A	09/12/1997
				CA	2255697	A	27/11/1997
				DE	900369	T	23/05/2001
				DE	69726273	D,T	26/08/2004
				EP	0900369	A,B	10/03/1999
				JP	2000510953	T	22/08/2000
				NO	985430	A	20/11/1998
				SE	506589	C	19/01/1998
				SE	9601876	A	23/11/1997
				WO	9744647	A	27/11/1997
				AT	249043	T	15/09/2003
				AU	6642698	A	22/09/1998
				DE	69817807	D,T	15/07/2004
				EP	0981746	A,B	01/03/2000
				SE	0981746	T3	
				JP	2001527643	T	25/12/2001
				SE	9700745	D	00/00/0000
				WO	9839652	A	11/09/1998
-----							
US	3181349	A	04/05/1965	GB	1019652	A	09/02/1966
				NL	291945	A	00/00/0000
-----							
US	5176576	A	05/01/1993	DE	69009014	D,T	16/02/1995
				EP	0430742	A,B	05/06/1991
				FR	2655104	A,B	31/05/1991
				JP	3209025	A	12/09/1991
-----							
EP	0736679	A1	09/10/1996	SE	0736679	T3	
				DE	69600074	D,T	12/02/1998
				ES	2110860	T	16/02/1998
				IT	235994	Y	18/07/2000
				IT	1280844	B	11/02/1998
				IT	T0950264	A,U,V	07/10/1996
-----							
WO	9114168	A1	19/09/1991	AU	7543891	A	10/10/1991
				GB	9005646	D	00/00/0000
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US	4823594	A	25/04/1989	NONE			
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US	4653313	A	31/03/1987	NONE			
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